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(54) NEW QUINOXALINE DERIVATIVE AND ORGANIC ELECTROLUMINESCENT ELEMENT UTILIZING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a new quinoxaline derivative by which brightness of organic electroluminescent elements and efficiency of luminescence thereof can be heightened and long life of these elements can be attained by improvement of deposition of electrodes and to provide an organic electroluminescent element utilizing the derivative.

SOLUTION: This new quinoxaline derivative has a specific structure. This organic electroluminescent element has an organic luminescent layer or an organic luminescent layer composed of a plurality of layers containing an organic luminescent layer between a pair of electrodes and contains the new quinoxaline derivative in which at least one layer of the organic compound layer has the specific structure.

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